RUDRAPRASAD CONSULTANTS
Structural Engineers, Architects &
Project Management Consultants

**NAME OF WORK:- Improvements CC Roads and Darin at Kogilu Layout in Ward No.05 Byatarayanapura Sub Division.**

**Name of Client** : Executive Engineer, Byatarayanapura Sub Project Division, BBMP, Bangalore.

**Contractor/ Agency:** Executive Engineer KRIDL Bangalore

**Total Cost** : Rs-96,99,877.68/-

**Date Of Inspection :** 13-02-20

**Status Of Bill** : First & Final Bill

**In the Presence of :** a) Assistant Engineer ,Ward no-5 ,Byatarayanapura division, BBMP, Bangalore
b) R. Karthik Rechan, Partner, M/S RUDRAPRASAD CONSULTANTS, BANGALORE

| PMC COMPLIANCE REPORT | | |
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| **Sl. No.** | **Description of work** | **Comments/Observations** |
| 1 | Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications. and as per the directions of the Engineer-in-charge of the work . | Work done upto the Billed Quantity and the Quality is satisfactory |
| 2 | Removing B S Slab of Drain and stacking 7.5MM Thick, and as per the directions of the Engineer-in-charge of the work . | Work done upto the Billed Quantity and the Quality is satisfactory |
| 3 | RRefixing stone slabs of drains and pointing in C.M (1:3) and as per the directions of the Engineer-in-charge of the work . | Work done upto the Billed Quantity and the Quality is satisfactory |
| 4 | Providing granite slabs of selected quality roughly dressed and fixed in cement mortar(1:6) including fixing curing etc and as per the directions of the Engineer-in-charge of the work . | Work done upto the Billed Quantity and the Quality is satisfactory |

13/2/2020
Executive Engineer
Project Division
Rajarajeshwari Zone
Bangalore

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| 5 | Providing and laying Plain cement concrete of mix 1:3:6 with OPC @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days including cost of all materials, labour, HOM curing, form works, scaffolding and centering complete as per specifications. and as per the directions of the Engineer-in-charge of the work . | Work done upto the Billed Quantity and the Quality is satisfactory |
| 6 | Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar 1:6, stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. and as per the directions of the Engineer-in-charge of the work . | Work done upto the Billed Quantity and the Quality is satisfactory |
| 7 | Providing and constructing granite / trap / basalt size stone masonry in basement with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. and as per the directions of the Engineer-in-charge of the work . | Work done upto the Billed Quantity and the Quality is satisfactory |
| 8 | Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1m in depth including cost of all materials, labour complete as per specifications.and as per the directions of the Engineer-in-charge of the work . | Work done upto the Billed Quantity and the Quality is satisfactory |
| 9 | Providing and laying Plain cement concrete of mix 1:3:6 with OPC @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days including cost of all materials, labour, HOM curing, form works, scaffolding and centering complete as per specifications. and as per the directions of the Engineer-in-charge of the work . | Work done upto the Billed Quantity and the Quality is satisfactory |

Asst. Executive Engineer
Project Division
Yelahanka Zone
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| 10 | Providing Flush pointing to coursed stone masonry with cement mortar 1:3, 20mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications.and as per the directions of the Engineer-in-charge of the work . | Work done upto the Billed Quantity and the Quality is satisfactory |
| 11 | Providing and laying plain/reinforced cement concrete for side drains using M20 nominal mix concrete with OPC at 300 kgs. With 20mm and sown size granite metal course aggregates at 0.69 cum and fine aggregates at 0.43 cum machine mixed, well compcted for walls and bottom including centring shuttering cost of material HOM of machinary curing etc., complete execluding cost of steel as per MORTH specification and as per the directions of the Engineer-in-charge of the work . | Work done upto the Billed Quantity and the Quality is satisfactory |
| 12 | Providing TMT steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, palcing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining memebrs wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. and as per the directions of the Engineer-in-charge of the work . | Work done upto the Billed Quantity and the Quality is satisfactory |
| 13 | Construction of Embankment with Material Gravel/ Murrum. KSRRB M300-53. Construction of embankment with approved material Gravel/Murrum with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement Table 300- 2 complete as per specifications.(Which includes cost of gravel/murrum, watering charges & compaction by vibratory roller) and as per the directions of the Engineer-in-charge of the work . | Work done upto the Billed Quantity and the Quality is satisfactory |
| 14 | Providing, laying spreading and compacting graded stones aggregate to wet mix macadam specifications including premixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying, in uniform layers with paver in sub base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications and as per the directions of the Engineer-in-charge of the work . | Work done upto the Billed Quantity and the Quality is satisfactory |



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| 15 | Precast slab 20mm and down size for slab (including steel reinforcement) including centring and shuttering machine mixed concrete laid in layers not exceeding 15cms thick well compacted cost of all materials labour HOM of machineries curing complete as per specifications C : C 1:1.5:3 Including all cost of material (DATA RATE ENCLOSED) 10cm thick RCC pre cast slab. and as per the directions of the Engineer-in-charge of the work . | Work done upto the Billed Quantity and the Quality is satisfactory |
| 16 | Providing and Fixing pre cast covering Slab 250mm thick made out of CC 1:2:4 and jelly 20mm Down size with steel reinforcement including form work,curing,including cost of alll materials, labour,hire charges of machinery, loading, unloading, lead and lift,transportation etc ,complete.As per Engineer incharge of work. | Work done upto the Billed Quantity and the Quality is satisfactory |
| 17 | Providing and laying cement concrete using 20mm and down size granite jelly of ready mixed concrete (RMC)for R.C.C works laid in 15cms thick layers and well compacted vibrating, curing, finishing with necessary cement mortar, form works and scaffoldings to withstand pumping of concrete, with all lead and lifts etc., complete (exclusive of cost of steel and fabrication charges.) Ready mixed Cement concrete M-20 for raft foundation, column footing, main and secondary beams. and as per the directions of the Engineer-in-charge of the work | Work done upto the Billed Quantity and the Quality is satisfactory |
| 18 | Vaccum De- watering with vaccum pump and suction mat and compaction with skin flater clubbed with floatiog disc including cost of generator, HOM of machinery Sereed Vibratory Power Floaterblade and diisc etc. with all lead and lift and as per the directions of the Engineer-in-charge of the work | Work done upto the Billed Quantity and the Quality is satisfactory |
| 19 | Providing and installing at site of work 63mm (0.662) PVC Pipes of 6 kg / cm2 including cost of pipes and specials and labour, including lowering into trenches, laying true to line, level and perfect linking at joints leak proof including jointing of approved type with all labour and lift charges, handling charges including encasing the pipe alround to a depth not less than 15cms with gravel or selected earth available from the excavation etc., complete and as per the directions of the Engineer-in-charge of the work . | Work done upto the Billed Quantity and the Quality is satisfactory |

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| 20 | Providing and fixing pre cast solid cement concrete kerb stones made out of CC 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting including formwork, curing, including cost of materials, labour charges of machinery, loading and unloading, lead and lift, transportation ete.,complete. As per the direction of Engineer incharge of the work . | Work done upto the Billed Quantity and the Quality is satisfactory |
| 21 | Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specifications. MORTH Chapter 8 Specification As per the direction of Engineer incharge of the work . | Work done upto the Billed Quantity and the Quality is satisfactory |
| 22 | Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specifications. MORTH Chapter 8 Specification As per the direction of Engineer incharge of the work . | Work done upto the Billed Quantity and the Quality is satisfactory |
| 23 | Laying Reinforced cement concrete pipe NP2/ Prestressed concrete pipe for culverts on first class bedding of granular material in single row including fixing collar with cement martar 1:2 but excluding excavation, protection works, backfilling and masonry works in head walls and parapet complete as per specifications. and as per the directions of the Engineer-in-charge of the work . | Work done upto the Billed Quantity and the Quality is satisfactory |
| 24 | Providing 100mm and down nominal size and as per the directions of the Engineer-in-charge of the work . | Work done upto the Billed Quantity and the Quality is satisfactory |
| 25 | Providing 40mm and down nominal size and as per the directions of the Engineer-in-charge of the work. | Work done upto the Billed Quantity and the Quality is satisfactory |
| 26 | Providing 20mm and down nominal size and as per the directions of the Engineer-in-charge of the work . | Work done upto the Billed Quantity and the Quality is satisfactory |
| 27 | Providing fine aggregate 2.36 nominal size and as per the directions of the Engineer-in-charge of the work . | Work done upto the Billed Quantity and the Quality is satisfactory |
| 28 | Loading and Unloading of stone boulders by manual means complete as per specification and as per the directions of the Engineer-in-charge of the work | Work done upto the Billed Quantity and the Quality is satisfactory |

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